

WHAT IS CLAIMED IS:

1. A fixing structure for detachably fixing a sheet member, comprising:
a rotor having an outer peripheral surface, around which the sheet member is wound, and an inner peripheral surface portion, the rotor including a plurality of through-slots formed in the outer peripheral surface of the rotor at predetermined intervals in the peripheral direction, with each of the through-slots being elongated in the peripheral direction and communicating the outer peripheral surface with the inner peripheral surface portion; and

a chuck detachably mountable to the rotor, for clamping one end of the sheet member onto the rotor, the chuck including a support having opposite ends, with a clamp plate being disposed at one end of the support and a base section being disposed at the other end of the support, wherein when the chuck is mounted on the rotor, the base section is inserted and passed through one associated through-slot and then hooked over the inner peripheral surface portion.

2. The fixing structure of claim 1, wherein the rotor comprises a hollow cylindrical body.

3. The fixing structure of claim 1, wherein the support is rotatable with the base section about an axis of the support, and the base section is structured such that, when the base section is positioned at a first rotation angle position around the axis of the support, the base section

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can be inserted and passed through one through-slot, and when the base section is rotated from the first rotation angle position to a second rotation angle position, the base section engages with the inner peripheral surface portion to thereby prevent the base section from being removed.

4. The fixing structure of claim 1, wherein the clamp plate is pivotable about one end of the support.
5. The fixing structure of claim 1, wherein the clamp plate has two ends and is supported by the support between said two ends.
6. The fixing structure of claim 1, wherein the support is mountable to the rotor at a plurality of positions along respective through-slots, such that the sheet member may be fixed to the rotor at any position along the peripheral direction of the rotor.
7. The fixing structure of claim 1, wherein the rotor is for fixing a printing plate when the printing plate is scan-exposed.
8. The fixing structure of claim 1, further comprising a different chuck for clamping another end of the sheet member onto the rotor.
9. The fixing structure of claim 8, wherein said different chuck is

ordinarily fixed to the rotor.

10. The fixing structure of claim 8, wherein said different chuck is detachably mounted to the rotor through one of the through-slots.

11. An apparatus for forming an image on a printing plate, comprising:

a rotary drum having an outer peripheral surface, around which the printing plate is wound, and an inner peripheral surface portion, the rotary drum including a plurality of through-slots formed in the outer peripheral surface of the rotary drum at predetermined intervals in the peripheral direction, with each of the through-slots being elongated in the peripheral direction and communicating the outer peripheral surface with the inner peripheral surface portion;

a chuck detachably mountable to the rotary drum, for clamping one end of the printing plate onto the rotary drum, the chuck including a support having opposite ends, with a clamp plate being disposed at one end of the support and a base section being disposed at the other end of the support, wherein when the chuck is mounted on the rotary drum, the base section is inserted and passed through one associated through-slot and then hooked over the inner peripheral surface portion; and

a recording head disposed for recording an image on the printing plate wound on the rotary drum.

12. The apparatus of claim 11, wherein the rotary drum comprises a

hollow cylindrical body.

13. The apparatus of claim 11, wherein the support is rotatable with the base section about an axis of the support, and the base section is structured such that, when the base section is positioned at a first rotation angle position around the axis of the support, the base section can be inserted and passed through one through-slot, and when the base section is rotated from the first rotation angle position to a second rotation angle position, the base section engages with the inner peripheral surface portion to thereby prevent the base section from being removed.

14. The apparatus of claim 11, wherein the clamp plate is pivotable about one end of the support.

15. The apparatus of claim 11, wherein the clamp plate has two ends and is supported by the support between said two ends.

16. The apparatus of claim 11, wherein the support is mountable to the rotary drum at a plurality of positions along respective through-slots, such that the sheet member may be fixed to the rotary drum at any position along the peripheral direction of the rotary drum.

17. The apparatus of claim 11, further comprising a drive unit for

driving the rotary drum.

18. The apparatus of claim 11, further comprising a different chuck for clamping another end of the printing plate onto the rotary drum.

19. The apparatus of claim 18, wherein said different chuck is ordinarily fixed to the rotary drum.

20. The apparatus of claim 18, wherein said different chuck is detachably mounted to the rotary drum through one of the through-slots.